

Appendix table 2-65.

## International R&amp;D expenditures, by performing sector and source of funds: 1996–98

Country and R&D performer	Total	Sources of R&D funds					Percent distribution, performers
		Industry	Government	Higher education	Private nonprofit	Abroad	
Millions of Canadian dollars							
Canada, 1998 total .....	13,893	6,864	4,434	287	450	1,858	100.0
Industry .....	8,882	6,449	630	–	–	1,803	63.9
Government .....	1,856	55	1,794	–	–	7	13.4
Higher education .....	2,995	339	1,960	287	373	36	21.6
Private nonprofit .....	160	21	50	–	77	12	1.2
Percent distribution, sources .....	100.0	49.4	31.9	2.1	3.2	13.4	
Millions of francs							
France, 1996 total .....	182,588	88,589	75,765	1,392	1,614	15,228	100.0
Industry .....	112,373	84,901	14,669	12	31	12,760	61.5
Government .....	37,008	2,292	33,116	67	36	1,497	20.3
Higher education .....	30,747	980	27,668	1,180	162	757	16.8
Private nonprofit .....	2,460	416	312	133	1,385	214	1.3
Percent distribution, sources .....	100.0	48.5	41.5	0.8	0.9	8.3	
Millions of Deutsch marks							
Germany, 1998 total .....	90,440	57,960	30,670	0	205	1,605	100.0
Industry .....	62,500	56,310	4,850	–	40	1,300	69.1
Government .....	12,500	450	11,730	–	165	155	13.8
Higher education .....	15,440	1,200	14,090	–	–	150	17.1
Private nonprofit .....	–	–	–	–	–	–	0.0
Percent distribution, sources .....	100.0	64.1	33.9	0.0	0.2	1.8	
Billions of lire							
Italy, 1998 total .....	22,501	9,782	11,412	0	0	1,308	100.0
Industry .....	12,081	9,442	1,603	–	–	1,036	53.7
Government .....	4,707	120	4,409	–	–	178	20.9
Higher education .....	5,713	219	5,400	–	–	94	25.4
Private nonprofit .....	–	–	–	–	–	–	0.0
Percent distribution, sources .....	100.0	43.5	50.7	0.0	0.0	5.8	
Billions of yen							
Japan, 1996 total .....	14,155	10,386	2,645	1,012	97	14	100.0
Industry .....	10,058	9,916	115	0.25	15	12	71.1
Government .....	1,329	23	1,305	0.32	0.22	0.02	9.4
Higher education .....	2,089	49	1,026	1,010	3	0.37	14.8
Private nonprofit .....	679	398	200	0.87	79	1	4.8
Percent distribution, sources .....	100.0	73.4	18.7	7.1	0.7	0.1	
Billions of rubles							
Russia, 1997 total <sup>a</sup> .....	24,453	7,487	14,900	57	204	1,805	100.0
Industry .....	16,217	6,697	8,131	9	7	1,373	66.3
Government .....	6,909	485	5,819	8	193	405	28.3
Higher education .....	1,312	300	943	40	3	26	5.4
Private nonprofit .....	15	5	8	–	1	2	0.1
Percent distribution, sources .....	100.0	30.6	60.9	0.2	0.8	7.4	
Millions of pounds							
United Kingdom, 1996 total .....	14,339	6,786	4,564	120	546	2,323	100.0
Industry .....	9,301	6,401	885	–	5	2,010	64.9
Government .....	2,069	164	1,796	3	36	71	14.4
Higher education .....	2,792	188	1,856	116	406	226	19.5
Private nonprofit .....	177	32	28	1	99	17	1.2
Percent distribution, sources .....	100.0	47.3	31.8	0.8	3.8	16.2	

Appendix table 2-65.

**International R&D expenditures, by performing sector and source of funds: 1996–98**

Country and R&D performer	Total	Sources of R&D funds					Percent distribution, performers
		Industry	Government	Higher education	Private nonprofit	Abroad	
Millions of U.S. dollars							
United States, 1996 total <sup>b</sup> .....	196,540	108,558	65,386	4,375	3,218	15,003	100.0
Industry .....	142,371	106,012	21,356	–	–	15,003	72.4
Government .....	25,105	–	25,105	–	–	–	12.8
Higher education .....	23,721	1,655	16,019	4,375	1,672	–	12.1
Private nonprofit .....	5,343	891	2,906	–	1,546	–	2.7
Percent distribution, sources .....	100.0	55.2	33.3	2.2	1.6	7.6	

– = Assumed negligible or no data available

<sup>a</sup>Data for Russia were compiled according to OECD guidelines to be consistent with those presented for the G–7 countries.

<sup>b</sup>For the United States, government as a source of funds includes Federal Government support to all sectors plus state and local governments' support to higher education. Government as a performer includes R&D undertaken in intramural government laboratories plus R&D performance by all federally funded R&D centers (FFRDCs). Sources from abroad represent funding from companies in the United States with foreign ownership of 50 percent or more.

SOURCES: Organisation for Economic Co-operation and Development, unpublished tabulations; Center for Science Research and Statistics; National Science Foundation, Division of Science Resources Studies, *National Patterns of R&D Resources: 1998*, NSF 99-335, by Steven Payson (Arlington, VA: 1999); and U.S. Bureau of Economic Analysis, unpublished tabulations.

See figure 2-31 in Volume I.